

IN THE CLAIMS:

Please cancel claim 2, and amend claims 1 and 120 to read as follows.

1. (Amended) A data multiplexing device which multiplexes and transmits transport stream packets of program data comprising a plurality of data elements constructed in the form of transport stream packets, said device comprising:

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scramble key generation means for generating a scramble key corresponding to each of said data elements, wherein said scramble key is updated at predetermined intervals; and

scramble means for scrambling said corresponding data element by using a scramble key generated by said scramble key generation means.

120. (Amended) A data reception device for receiving multiplexed data obtained by multiplexing transport stream packets of program data comprising a plurality of data elements constructed in the form of transport stream packets, said data reception device comprising:

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scramble key extract means for extracting from said multiplexed data an enciphered scramble key corresponding to each data element, wherein said enciphered scramble key is updated at predetermined intervals; and

descramble means for descrambling said transport stream packet for each data element contained in said multiplexed data by using a scramble key extracted by said scramble key extract means.